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APPLICANT: Louis BIGO et al.)
SERIAL NO: 10/034,531) Group Art Unit: 3745
FILED: December 28, 2001) Examiner: Frank D. Lopez
TITLE: A TAPPING CIRCUIT INCLUDING A TAPPING VALVE FOR
REPLENSHING AND/OR FLUSHING THE CASING OF A
HYDRAULIC MOTOR

THE COMMISSIONER FOR PATENTS
P.O. Box 1450
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AMENDED REPLACEMENT PARAGRAPHS

TECHNOLOGY CENTER R3700

Fourth paragraph starting at line 16 on Page 1

the tapping circuit comprising means for tapping fluid from the main circuit
and means for removing the tapped fluid to a ~~pressure-free~~ reservoir under
atmospheric pressure via a removal pipe.

Fifth paragraph starting on line 19 Page 7

1A2 In this circuit, a replenishing circuit 18 includes a first replenishing valve 20
constituted by a selector which has two inlet ports connected to respective ones
of the two main pipes 12 and 14, and one outlet port which, via a removal pipe,
removes the fluid tapped by the valve 20 to a ~~pressure-free~~ reservoir under
atmospheric pressure 22. More precisely, the removal pipe includes a
connection segment 24 which is disposed between the outlet of the valve 20 and
an orifice which opens out into the casing of the motor 16. A second replenishing
valve constituted by a flow-rate regulator 26 is disposed on this segment. Thus,
under given operating conditions, the fluid tapped by the first replenishing valve
20 is injected into the casing of the motor. Inside the casing, flushing takes
place, and the fluid is removed via a leakage return pipe 28 which constitutes an

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end segment of the removal pipe. The valve 20 is controlled by control means 30 and 32 so that it is caused to go from its neutral position in which it is shown in Figure 1, to one or other of its replenishing positions in which it connects the pipe 14 or the pipe 12 (the pipe that is at the lower pressure) to the pipe 24.
